

To: Marten, Alex[Marten.Alex@epa.gov]; Sarofim, Marcus[Sarofim.Marcus@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov]
From: Macpherson, Alex
Sent: Tue 4/21/2015 10:32:04 PM
Subject: RE: O&G appendix on methane flaring

Yes, thanks for the explanation.

Non-Responsive

From: Marten, Alex
Sent: Tuesday, April 21, 2015 6:28 PM
To: Sarofim, Marcus; Macpherson, Alex; Shouse, Kate
Subject: RE: O&G appendix on methane flaring

Thank you Marcus! I figured I was missing something. I agree with your summation.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Sarofim, Marcus
Sent: Tuesday, April 21, 2015 2:21 PM
To: Marten, Alex; Macpherson, Alex; Shouse, Kate
Subject: RE: O&G appendix on methane flaring

Non-Responsive

Non-Responsive

Non-Responsive

Non-Responsive

Ex 5

Non-Responsive

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Marten, Alex
Sent: Tuesday, April 21, 2015 2:08 PM
To: Macpherson, Alex; Shouse, Kate; Sarofim, Marcus
Subject: RE: O&G appendix on methane flaring

Non-Responsive

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Macpherson, Alex
Sent: Tuesday, April 21, 2015 1:49 PM
To: Shouse, Kate; Sarofim, Marcus; Marten, Alex
Subject: RE: O&G appendix on methane flaring

Non-Responsive

Non-Responsive

Alex

From: Shouse, Kate
Sent: Tuesday, April 21, 2015 1:42 PM
To: Sarofim, Marcus; Marten, Alex
Cc: Macpherson, Alex
Subject: O&G appendix on methane flaring

Non-Responsive

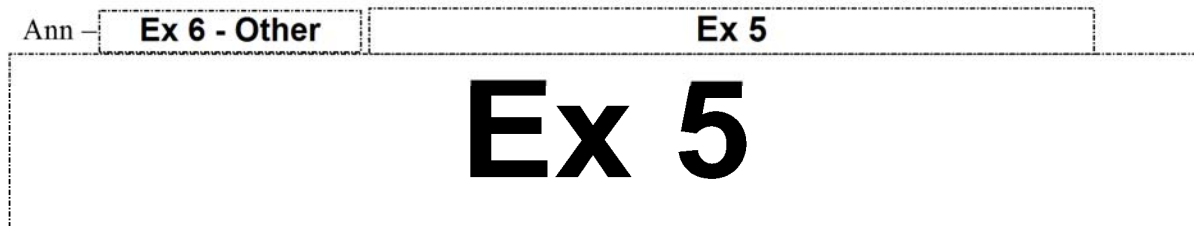
Along those lines, Alex and Marcus, please also take a look at Alex Macpherson's comment and chime in if you disagree with my response (pg 124).

Thanks!

Kate

To: Ferris, Ann[Ferris.Ann@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]; Shadbegian, Ron[Shadbegian.Ron@epa.gov]
Cc: McGartland, Al[McGartland.Al@epa.gov]
From: Jenkins, Robin
Sent: Wed 4/15/2015 8:54:26 PM
Subject: Revised comments on DoI RIA
2015 04 15 DRAFT NCEE Comments DoI Stream Protection Rule 4pm.docx

I'm attaching a revision of the comments that reflect Alex Marten's suggestions.



I am out of the office on annual leave tomorrow and Friday but will check email periodically.

Robin

To: McGartland, Al[McGartland.Al@epa.gov]
Cc: Ferris, Ann[Ferris.Ann@epa.gov]; Jenkins, Robin[Jenkins.Robin@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
From: Shadbegian, Ron
Sent: Wed 4/15/2015 6:08:20 PM
Subject: FW: DOI Stream Protection Rule: Monday's briefing on the RIA
2015_04_10_co2_benefits_of_stream_protection_rule.pdf

Hi Al –

Ann F is out sick today. Does this email mean there is a briefing for this DOI rule at 2:45 today?
I would think we would at least want to share Ex 5

Ron

From: Hill, Glynis
Sent: Wednesday, April 15, 2015 1:58 PM
To: Ferris, Ann
Cc: McGartland, Al; Miles-McLean, Stuart; Shadbegian, Ron; Jenkins, Robin; Marten, Alex
Subject: RE: DOI Stream Protection Rule: Monday's briefing on the RIA

Good afternoon Ann and others:

Joel has asked to be briefed on this rule in 45 minutes. Is there anything in particular your office would like me to highlight during the briefing? At a minimum can someone provide me with the overall costs.

Glynis Hill – Environmental Scientist | Office of the Administrator | Office of Policy | Office of Regulatory Policy & Management

(202) 564-1139 | 3512V WJC North | Mail Code 1803 | 1200 Pennsylvania Avenue, NW | Washington, DC 20460

From: Ferris, Ann
Sent: Friday, April 10, 2015 10:35 AM
To: Evalenko, Sandy
Cc: McGartland, Al; Miles-McLean, Stuart; Hill, Glynis; Shadbegian, Ron; Jenkins, Robin; Marten, Alex
Subject: DOI Stream Protection Rule: Monday's briefing on the RIA

Hi Sandy,

Are you coordinating our participation in Monday's briefing on DOI's proposed Stream Protection Rule? At the end of Tuesday's (4/7) briefing, it sounded like there'd be a briefing just on the RIA on Monday, April 13, 2:30 – 3:30 pm, with DOI, Army Corps, and OMB.

If you are coordinating, would you mind adding a few more folks from NCEE (cc'd)? I'll reserve a conference room here, so we'll just take up one phone line.

Stuart and Glynis – it sounds like we can provide our comments on the RIA after Monday's briefing? If not, and you need them today, please let me know.

Thanks,

Ann

Ann Ferris
U.S. Environmental Protection Agency
National Center for Environmental Economics
(202) 564-3207

To: McGartland, Al[McGartland.Al@epa.gov]
Cc: Ferris, Ann[Ferris.Ann@epa.gov]; Jenkins, Robin[Jenkins.Robin@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
From: Shadbegian, Ron
Sent: Wed 4/15/2015 6:12:17 PM
Subject: RE: DOI Stream Protection Rule: Monday's briefing on the RIA
DRAFT NCEE Comments DoI Stream Protection Rule.docx

Al -

Here is the draft set of comments that Ann and Robin have been working on. I will pull out the top line comments and send them along for you in a few minutes.

Ron

From: Shadbegian, Ron
Sent: Wednesday, April 15, 2015 2:08 PM
To: McGartland, Al
Cc: Ferris, Ann; Jenkins, Robin; Marten, Alex
Subject: FW: DOI Stream Protection Rule: Monday's briefing on the RIA

Hi Al –

Ann F is out sick today. Does this email mean there is a briefing for this DOI rule at 2:45 today?
I would think we would at least want to share Ex 5

Ron

From: Hill, Glynis
Sent: Wednesday, April 15, 2015 1:58 PM
To: Ferris, Ann
Cc: McGartland, Al; Miles-McLean, Stuart; Shadbegian, Ron; Jenkins, Robin; Marten, Alex

Subject: RE: DOI Stream Protection Rule: Monday's briefing on the RIA

Good afternoon Ann and others:

Joel has asked to be briefed on this rule in 45 minutes. Is there any anything in particular your office would like me to highlight during the briefing? At a minimum can someone provide me with the overall costs.

Glynis Hill – Environmental Scientist | Office of the Administrator | Office of Policy | Office of Regulatory Policy & Management

(202) 564-1139 | 3512V WJC North | Mail Code 1803 | 1200 Pennsylvania Avenue, NW | Washington, DC 20460

From: Ferris, Ann

Sent: Friday, April 10, 2015 10:35 AM

To: Evalenko, Sandy

Cc: McGartland, Al; Miles-McLean, Stuart; Hill, Glynis; Shadbegian, Ron; Jenkins, Robin; Marten, Alex

Subject: DOI Stream Protection Rule: Monday's briefing on the RIA

Hi Sandy,

Are you coordinating our participation in Monday's briefing on DOI's proposed Stream Protection Rule? At the end of Tuesday's (4/7) briefing, it sounded like there'd be a briefing just on the RIA on Monday, April 13, 2:30 – 3:30 pm, with DOI, Army Corps, and OMB.

If you are coordinating, would you mind adding a few more folks from NCEE (cc'd)? I'll reserve a conference room here, so we'll just take up one phone line.

Stuart and Glynis – it sounds like we can provide our comments on the RIA after Monday's

briefing? If not, and you need them today, please let me know.

Thanks,

Ann

Ann Ferris
U.S. Environmental Protection Agency
National Center for Environmental Economics
(202) 564-3207

To: Marten, Alex[Marten.Alex@epa.gov]
From: Wolverton, Ann
Sent: Wed 4/15/2015 3:57:22 PM
Subject: RE: rules updates?

That would be great – thanks!

From: Marten, Alex
Sent: Wednesday, April 15, 2015 11:54 AM
To: Wolverton, Ann
Subject: RE: rules updates?

There's an Ex 5 Ex 5 For SCC specifically I can briefly touch on the OIRA response to the Inhofe letter and the status of the RTC if you think it would be useful.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Wolverton, Ann
Sent: Wednesday, April 15, 2015 11:05 AM
To: Marten, Alex
Subject: RE: rules updates?

Thanks – anything worth reporting out on SCC related or methane stuff?

From: Marten, Alex
Sent: Wednesday, April 15, 2015 10:55 AM
To: Wolverton, Ann
Subject: RE: rules updates?

I can give a quick O&G update.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Wolverton, Ann
Sent: Wednesday, April 15, 2015 10:54 AM
To: Moore, Chris; Griffiths, Charles; Klemick, Heather; Marten, Alex
Subject: rules updates?

Non-Responsive

Anything to report on any of these rules?

Non-Responsive

To: Elisabeth Gilmore[elisabeth.gilmore@gmail.com]
From: elisabeth.gilmore@gmail.com
Sent: Mon 3/16/2015 2:48:03 AM
Subject: Society for Benefit-Cost Analysis Workshop

On behalf of myself, the workshop presenters, and the Society for Benefit-Cost Analysis, we look forward to seeing you at the "Overview of Climate Change, Its Impacts and the Social Cost of Carbon" workshop on Wednesday, March 18.

The workshop will be held from 1:30 – 5:00 pm at the George Washington University, Milken Institute School of Public Health, Washington, D.C. Directions are available at <http://publichealth.gwu.edu/content/directions-and-parking>

The description and workshop format are available at <http://benefitcostanalysis.org/2015-preconference-professional-development-workshops#gilmore>. We will have handouts and electronic versions of the slides available during the workshop.

As background reading, please briefly scan the following online sources:

1. United States Environmental Protection Agency (USEPA). Climate Change:
<http://www.epa.gov/climatechange/>
2. USEPA. The Social Cost of Carbon,
<http://www.epa.gov/climatechange/EPAactivities/economics/scc.html>
3. Interagency Working Group on Social Cost of Carbon, Technical Support Document: - Social Cost of Carbon for Regulatory Impact Analysis - Under Executive Order 12866 -
 1. <https://www.whitehouse.gov/sites/default/files/omb/inforeg/for-agencies/Social-Cost-of-Carbon-for-RIA.pdf>
 2. https://www.whitehouse.gov/sites/default/files/omb/inforeg/social_cost_of_carbon_for_i

Finally, regardless of whether you are registered for the conference, you are invited to the opening reception. The reception begins at 5 pm and will be held in the Milken Convening Center.

Warmly,
Elisabeth

Elisabeth Gilmore, PhD
Assistant Professor
School of Public Policy
University of Maryland
College Park, MD 20742
Tel: 301-405-6360
Cell: 412-352-9006
Email: gilmore@umd.edu

To: Marten, Alex[Marten.Alex@epa.gov]
From: Laity, Jim
Sent: Mon 4/13/2015 10:37:31 PM
Subject: RE: New RtC question

Thx, Alex, Ex 5 jim

From: Marten, Alex [mailto:Marten.Alex@epa.gov]
Sent: Monday, April 13, 2015 9:30 AM
To: Laity, Jim
Subject: RE: New RtC question

Hi Jim,

Ex 5

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Laity, Jim EOP email/phone
Sent: Friday, April 10, 2015 4:40 PM
To: Marten, Alex
Subject: New RtC question

Ex 5

This is meant to summarize the key point in the following para in layman's terms (but I am open to a better summary if you would like to suggest one):

The idea underlying this approach is that the plausibility of a given combination of parameter settings can be determined from the agreement of the resulting simulation of historical climate with observations. This is typically evaluated by means of Bayesian methods (see Supplementary Material, Appendix 9.B for methods). Bayesian approaches constrain parameter values by combining prior distributions that account for uncertainty in the knowledge of parameter values with information about the parameters estimated from data (Kennedy and O'Hagan, 2001). The uniform distribution has been used widely as a prior distribution, which enables comparison of constraints obtained from the data in different approaches. ECS ranges encompassed by the uniform prior distribution must be limited

due to computer time limiting the size of model ensembles, but generally cover the range considered possible by experts, such as from 0°C to 10°C. Note that uniform prior distributions for ECS, which only require an expert assessment of possible range, generally assign a higher prior belief to high sensitivity than, for example, non-uniform prior distributions that depend more heavily on expert assessments (e.g., Forest et al., 2006). In addition, Frame et al. (2005) point out that care must be taken when specifying the uniform prior distribution. For example, a uniform prior distribution for the climate feedback parameter (see Glossary) implies a non-uniform prior distribution for ECS due to the nonlinear relationship between the two parameters.

The following reference would also be added at the end:

Hegerl G, et al. 2007. "Understanding and attributing climate change." in Solomon S, et al. (eds) *Climate Change 2007: the physical science basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge, UK: Cambridge University Press. http://www.ipcc.ch/publications_and_data/ar4/wg1/en/contents.html

From: Marten, Alex [<mailto:Marten.Alex@epa.gov>]
Sent: Friday, April 10, 2015 9:41 AM
To: Laity, Jim
Subject: RE: RtC questions

I think that version works well.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Laity, Jim EOP email/phone

Sent: Thursday, April 09, 2015 8:31 PM

To: Marten, Alex

Subject: RtC questions

Ex 5

To: Shouse, Kate[Shouse.Kate@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
From: Sarofim, Marcus
Sent: Wed 2/18/2015 8:25:31 PM
Subject: RE: SCC RTC Comments
2015 02 07 SCC RTC Clean for Interagency Review_aw_il_sn_cg_ks_mcs.docx

Hi Kate, Alex,

Kate's carry-over of my edits look good – thank you Kate! I made a couple minor additional edits in the attached,

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Shouse, Kate
Sent: Wednesday, February 18, 2015 10:32 AM
To: Marten, Alex
Cc: Sarofim, Marcus
Subject: RE: SCC RTC Comments

Ok, I copied the edits/comments Marcus made on Monday to the latest version of the RTC (which is the Feb 7th version that I meant to send to Marcus). Marcus, the climate science text is not too far off from the version you reviewed (so your effort wasn't wasted). However, it may be worthwhile for you to look at the carbon cycle paragraph on pg 12, specifically the section where you suggested some edits about the Kopp and Mignone paper. Will you have time to take a look at that today?

Again, my apologies for sending the wrong file. I'm triple checking the attachment on this message before hitting send.

Kate

From: Marten, Alex
Sent: Wednesday, February 18, 2015 9:34 AM
To: Shouse, Kate
Cc: Sarofim, Marcus
Subject: RE: SCC RTC Comments

No worries. At least it was in the last link of the review chain.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Wednesday, February 18, 2015 9:33 AM
To: Marten, Alex
Cc: Sarofim, Marcus
Subject: Re: SCC RTC Comments

Oh no, this is my mistake. Looks like I sent the wrong file to Marcus, so I think the version attached is an old one with new comments from Marcus. I will compare as soon as I get back to my desk and see whether Marcus' comments are applicable to current draft. Really, really sorry about this. Significant sleep deprivation is catching up with me.

Sent from my iPhone

On Feb 18, 2015, at 9:14 AM, "Marten, Alex" <Marten.Alex@epa.gov> wrote:

Hi Marcus,

Did you mean to attach another file? This seems to be an earlier

version.

The one Charles sent around Friday had the name '2015 02 07 SCC RTC Clean for Interagency Review_aw_jl_sn_cg.docx'.

Thanks.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Sarofim, Marcus
Sent: Monday, February 16, 2015 3:21 PM
To: Shouse, Kate; Griffiths, Charles; Newbold, Steve; Marten, Alex; Li, Jia
Cc: Wolverton, Ann
Subject: RE: SCC RTC Comments

Hi all,

I've added my comments to a version that Kate worked on. I mostly concentrated on the climate science sections. Who is next?

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Shouse, Kate
Sent: Friday, February 13, 2015 8:49 AM
To: Griffiths, Charles; Newbold, Steve; Marten, Alex; Li, Jia; Sarofim, Marcus
Cc: Wolverton, Ann
Subject: Re: SCC RTC Comments

Yes, thanks, Charles!

From: Griffiths, Charles
Sent: Friday, February 13, 2015 7:52 AM
To: Newbold, Steve; Marten, Alex; Li, Jia; Shouse, Kate; Sarofim, Marcus
Cc: Wolverton, Ann
Subject: RE: SCC RTC Comments

Enclosed are my comments on the RTC. I focused on Section 2, but I made a few comments in other places as well.

I think that Kate is up next, right?

Charles

Charles Griffiths
National Center for Environmental Economics
Room 4334B, WJC West, Mail Code 1809T
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

Phone: 202/566-2288 Fax: 202/566-2338

Email: griffiths.charles@epamail.epa.gov

From: Newbold, Steve

Sent: Wednesday, February 11, 2015 9:34 AM

To: Marten, Alex; Griffiths, Charles; Li, Jia; Shouse, Kate; Sarofim, Marcus

Cc: Wolverton, Ann

Subject: RE: SCC RTC Comments

Hi Alex,

My comments are included in the attached version. For the most part I think this is looking really good and it seems like a very thorough and substantive RTC document.

Ex 5

Thanks,

Steve Newbold
U.S. EPA
National Center for Environmental Economics (NCEE)
EPA West, 4316T, MC 1809T
1200 Pennsylvania Ave NW
Washington, DC 20004
(202) 566-2293

From: Marten, Alex
Sent: Tuesday, February 10, 2015 3:24 PM
To: Griffiths, Charles; Newbold, Steve; Li, Jia; Shouse, Kate; Sarofim, Marcus
Cc: Wolverton, Ann
Subject: RE: SCC RTC Comments

That sounds like a great plan. Thank you!

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Griffiths, Charles
Sent: Tuesday, February 10, 2015 2:37 PM
To: Newbold, Steve; Marten, Alex; Li, Jia; Shouse, Kate; Sarofim, Marcus
Cc: Wolverton, Ann
Subject: RE: SCC RTC Comments

How about if Steve takes his turn tomorrow and I'll take Thursday.

Charles Griffiths
National Center for Environmental Economics
Room 4334B, WJC West, Mail Code 1809T
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460
Phone: 202/566-2288 Fax: 202/566-2338
Email: griffiths.charles@epamail.epa.gov

From: Newbold, Steve
Sent: Tuesday, February 10, 2015 2:16 PM
To: Marten, Alex; Li, Jia; Shouse, Kate; Griffiths, Charles; Sarofim, Marcus
Cc: Wolverton, Ann
Subject: RE: SCC RTC Comments

I can start working on it tomorrow morning (or possibly this eve if someone else wants to take a quick crack at it first)

From: Marten, Alex
Sent: Tuesday, February 10, 2015 2:13 PM
To: Li, Jia; Shouse, Kate; Griffiths, Charles; Newbold, Steve; Sarofim, Marcus
Cc: Wolverton, Ann
Subject: RE: SCC RTC Comments

Charles, Steve, Marcus, Kate any takers on the pen?

--

Alex L. Marten

phone: (202) 566-2301
email: marten.alex@epa.gov

From: Li, Jia
Sent: Tuesday, February 10, 2015 1:19 PM
To: Marten, Alex; Shouse, Kate; Griffiths, Charles; Newbold, Steve; Sarofim, Marcus
Cc: Wolverton, Ann
Subject: Re: SCC RTC Comments

Passing on my comments on top of Ann's for the next reviewer.

Thanks!

Jia

From: Marten, Alex
Sent: Monday, February 9, 2015 6:16 PM
To: Li, Jia; Shouse, Kate; Griffiths, Charles; Newbold, Steve; Sarofim, Marcus
Cc: Wolverton, Ann
Subject: RE: SCC RTC Comments

OK I think I may have figured it out. Jai try going into:

Options->Trust Center->Trust Center Settings->Privacy Options

And then uncheck the box "Remove personal information from file properties on save"

--

Alex L. Marten

phone: (202) 566-2301
email: marten.alex@epa.gov

From: Li, Jia
Sent: Monday, February 09, 2015 5:59 PM
To: Marten, Alex; Shouse, Kate; Griffiths, Charles; Newbold, Steve; Sarofim, Marcus
Cc: Wolverton, Ann
Subject: RE: SCC RTC Comments

Alex:

Thanks! I have started the review and can add my comments to the version with Ann's comments next. One quick question: I noticed that the document automatically revert all changes to a generic "author" when saving changes to the document. Do you want us to identify ourselves in case you need to clarify or follow up on individual comments or edits? If so, any suggestion on how to change the option setting to do that? This may not be so important but will just be a little hard to keep track of different people's comments.

Jia

From: Marten, Alex
Sent: Monday, February 09, 2015 5:49 PM
To: Shouse, Kate; Li, Jia; Griffiths, Charles; Newbold, Steve; Sarofim, Marcus
Cc: Wolverton, Ann
Subject: SCC RTC Comments

Hi All,

I believe this is the correct list of staff who might be interested in reviewing the draft RTC. To avoid having to merge different sets of comments I am hoping we can stage the review. Ann took a first crack at this today and has added her comments in the attached. I

believe Jia has the pen next.

I would like to have the staff review done by next Wednesday (2/18) COB to have time for management review. That gives one work day per person to get through this which should be enough as we are emphasizing, as Jim did on Friday, that this should be approached with a light touch to respect the large time commitment that is already in this version. Please focus on issues related to technical accuracy of the way in which the comments are represented and the response.

Thank you.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

To: Marten, Alex[Marten.Alex@epa.gov]
From: Newbold, Steve
Sent: Thur 1/22/2015 2:15:09 PM
Subject: uncertainty and risk aversion
[Newbold & Daigneault 2010 Uncertainty and the benefits of climate change policies.pdf](#)

Ex 5

Steve Newbold
U.S. EPA
National Center for Environmental Economics (NCEE)
EPA West, 4316T, MC 1809T
1200 Pennsylvania Ave NW
Washington, DC 20004
(202) 566-2293

To: Marten, Alex[Marten.Alex@epa.gov]
Cc: Sarofim, Marcus[Sarofim.Marcus@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]
From: Shouse, Kate
Sent: Mon 3/30/2015 8:12:22 PM
Subject: FW: SCC RtC revised draft
2015 03 27 IWG RtC redline (oap).docx

Hi, Alex. Please see attached for comments from Marcus and from me. All of the OAP comment bubbles are marked in my name (I've noted those that came from Marcus), i.e., none of the OAP comment bubbles are marked anonymous. Several of the edits I made are still in the anonymous redline but I either flagged them with yellow highlighting or noted them with a comment bubble when the highlighter doesn't work.

Ex 5

Please let us know if we can help with anything else on these comments. Thanks,
Kate

From: Sarofim, Marcus
Sent: Monday, March 30, 2015 2:16 PM
To: Shouse, Kate; Marten, Alex
Subject: RE: SCC RtC revised draft

Hi Kate,

Ex 5

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Shouse, Kate
Sent: Monday, March 30, 2015 8:27 AM
To: Marten, Alex; Sarofim, Marcus
Subject: Fwd: SCC RtC revised draft

Hi Alex, I went through the RTC comments but need to fill in a couple of things this am (including the cites to rules that used GWP weighted estimates). I checking with Allen to see if he'll weigh in.

Ex 5

Sent from my iPhone

Begin forwarded message:

From: Kate Cardamone Shouse **Personal cell/email**
Date: March 29, 2015 at 5:14:41 PM EDT
To: "Shouse, Kate" <Shouse.Kate@epa.gov>
Subject: Re: SCC RtC revised draft

On Sat, Mar 28, 2015 at 1:39 PM, Shouse, Kate <Shouse.Kate@epa.gov> wrote:

Sent from my iPhone

Begin forwarded message:

From: "Barron, Alex" <Barron.Alex@epa.gov>
Date: March 28, 2015 at 10:40:46 AM EDT
To: "Shouse, Kate" <Shouse.Kate@epa.gov>
Cc: "Fawcett, Allen" <Fawcett.Allen@epa.gov>, "Marten, Alex" <Marten.Alex@epa.gov>, "McGartland, Al" <McGartland.Al@epa.gov>, "Beauvais, Joel" <Beauvais.Joel@epa.gov>

Subject: Fwd: SCC RtC revised draft

Sent from my iPhone

Begin forwarded message:

From: "Laity, Jim" [EOP email/phone]
Date: March 27, 2015 at 8:01:15 PM EDT
To: "Linn, Joshua" [EOP email/phone], "Marten, Alex"
<Marten.Alex@epa.gov>, "Barron, Alex (Barron.Alex@epa.gov)"
<Barron.Alex@epa.gov>, "Duke, Rick" [EOP email/phone]
Subject: SCC RtC revised draft

Josh, In the interest of time I am sending this to you, Rick, and EPA simultaneously.

Ex 5

I will be out Monday, but can address any questions when I return. Jim

To: Gordon, Jessica M[Gordon.Jessica@epa.gov]; Li, Jia[Li.Jia@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
From: Shouse, Kate
Sent: Tue 3/31/2015 8:04:42 PM
Subject: FW: SCC brownbag handouts
[dc bar scc handouts.zip](#)

FYI – all of the handouts are attached. Wasn't much discussion in the Q&A; it also cut off abruptly (not sure if it was an EPA problem or DC Bar) so I did not catch everything.

Ex 5

From: Shouse, Kate
Sent: Tuesday, March 31, 2015 1:28 PM
To: Shouse, Kate
Subject: SCC brownbag handouts

attached

To: Shouse, Kate[Shouse.Kate@epa.gov]; Li, Jia[Li.Jia@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
From: Gordon, Jessica M
Sent: Tue 3/31/2015 9:31:20 PM
Subject: RE: SCC brownbag handouts

Thanks!

Jessica M. Gordon
Attorney-Advisor, Climate Change Division
U.S. Environmental Protection Agency
(202) 343-9444
gordon.jessica@epa.gov

This message may contain privileged or other confidential information.
Please do not forward or distribute it outside of EPA.

From: Shouse, Kate
Sent: Tuesday, March 31, 2015 4:05 PM
To: Gordon, Jessica M; Li, Jia; Marten, Alex
Subject: FW: SCC brownbag handouts

FYI – all of the handouts are attached. Wasn't much discussion in the Q&A; it also cut off abruptly (not sure if it was an EPA problem or DC Bar) so I did not catch everything.

Ex 5

From: Shouse, Kate
Sent: Tuesday, March 31, 2015 1:28 PM
To: Shouse, Kate
Subject: SCC brownbag handouts

attached

To: Shouse, Kate[Shouse.Kate@epa.gov]; Li, Jia[Li.Jia@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
From: Gordon, Jessica M
Sent: Tue 3/31/2015 9:31:20 PM
Subject: RE: SCC brownbag handouts

Thanks!

Jessica M. Gordon
Attorney-Advisor, Climate Change Division
U.S. Environmental Protection Agency
(202) 343-9444
gordon.jessica@epa.gov

This message may contain privileged or other confidential information.
Please do not forward or distribute it outside of EPA.

From: Shouse, Kate
Sent: Tuesday, March 31, 2015 4:05 PM
To: Gordon, Jessica M; Li, Jia; Marten, Alex
Subject: FW: SCC brownbag handouts

FYI – all of the handouts are attached. Wasn't much discussion in the Q&A; it also cut off abruptly (not sure if it was an EPA problem or DC Bar) so I did not catch everything.

Ex 5

From: Shouse, Kate
Sent: Tuesday, March 31, 2015 1:28 PM
To: Shouse, Kate
Subject: SCC brownbag handouts

attached

To: Marten, Alex[Marten.Alex@epa.gov]
From: Shouse, Kate
Sent: Mon 4/6/2015 5:20:44 PM
Subject: if we can make edits
non CO2 (04 06 15).docx

Met with Sarah and talked through her questions this afternoon. She flagged a different sentence and wondered if we could make the edit (excerpt attached). She doesn't want to disrupt the process but asked us to consider it if there's an opportunity to do so.

Ex 5

Ex 5

Thanks,
Kate

To: Marten, Alex[Marten.Alex@epa.gov]; Macpherson, Alex[Macpherson.Alex@epa.gov]; Sarofim, Marcus[Sarofim.Marcus@epa.gov]
Cc: Alsalam, Jameel[Alsalam.Jameel@epa.gov]
From: Shouse, Kate
Sent: Tue 4/7/2015 6:22:02 PM
Subject: RE: Flaring CO2 disbenefits and SC-CH4

Thanks, Alex. Just to clarify, I don't think we've vetted this with anyone in OAR (or within OAP) management yet.

From: Marten, Alex
Sent: Tuesday, April 07, 2015 2:20 PM
To: Shouse, Kate; Macpherson, Alex; Sarofim, Marcus
Cc: Alsalam, Jameel
Subject: RE: Flaring CO2 disbenefits and SC-CH4

Ex 5

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Tuesday, April 07, 2015 2:08 PM
To: Macpherson, Alex; Sarofim, Marcus; Marten, Alex
Cc: Alsalam, Jameel
Subject: RE: Flaring CO2 disbenefits and SC-CH4

My two cents, for what they're worth:

Ex 5

Ex 5

From: Macpherson, Alex
Sent: Tuesday, April 07, 2015 1:42 PM
To: Sarofim, Marcus; Marten, Alex; Shouse, Kate
Cc: Alsalam, Jameel
Subject: RE: Flaring CO2 disbenefits and SC-CH4

Marcus, Alex

I haven't checked the math but I get the concept. Do we have a preferred alternative?

Ex 5

Ex 5

Alex

From: Sarofim, Marcus
Sent: Tuesday, April 07, 2015 1:28 PM
To: Marten, Alex; Macpherson, Alex; Shouse, Kate
Cc: Alsalam, Jameel
Subject: RE: Flaring CO2 disbenefits and SC-CH4

Ex 5

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Marten, Alex
Sent: Tuesday, April 07, 2015 1:04 PM
To: Macpherson, Alex; Sarofim, Marcus; Shouse, Kate
Cc: Alsalam, Jameel
Subject: RE: Flaring CO2 disbenefits and SC-CH4

I was just having the same thought as I was reading through the RIA this morning. The SC-CH4 estimates do not include the oxidized CO2 impacts.

Ex 5

Ex 5

Does this make sense?? Somebody should check my math.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Macpherson, Alex
Sent: Tuesday, April 07, 2015 12:12 PM
To: Sarofim, Marcus; Marten, Alex; Shouse, Kate
Cc: Alsalam, Jameel
Subject: RE: Flaring CO2 disbenefits and SC-CH4

Marcus, Alex

I hate to put the pressure on but some feedback on this would be extremely valuable by today or tomorrow, if possible.

Sorry and thanks,
Alex

From: Sarofim, Marcus
Sent: Tuesday, April 07, 2015 11:21 AM
To: Marten, Alex; Shouse, Kate
Cc: Alsalam, Jameel; Macpherson, Alex
Subject: Flaring CO2 disbenefits and SC-CH4

Hi Alex Marten,

We were having a conversation on today's Oil & Gas call, and I had a realization as we were talking about the CO₂ disbenefits associated with flaring: namely, methane oxidizes into CO₂ in the atmosphere anyway, so we want to be careful that we aren't double-counting. I think, assuming that I am thinking the right way about this, that it depends on what we include in the SC-CH₄.

Ex 5

Ex 5

We can maybe chat about this on the Thursday call?

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

To: Marten, Alex[Marten.Alex@epa.gov]
From: Laity, Jim
Sent: Fri 4/10/2015 12:30:50 AM
Subject: RtC questions

Trying to clean up the awkward sentence at the bottom of p 4; how about this...

Ex 5

To: Sarofim, Marcus[Sarofim.Marcus@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
Cc: Fawcett, Allen[Fawcett.Allen@epa.gov]
From: Shouse, Kate
Sent: Wed 4/1/2015 2:02:40 AM
Subject: Fwd: Budge QFRs
[QFRs Jenkins 03 31 15 \(climate benefits\).docx](#)
[ATT00001.htm](#)

Hi, Marcus and Alex. Just got a request tonight to respond to a QFR about climate benefits in the CPP (specifically, how can we monetize the CO2 benefits if we're unable to quantify the CO2 impacts). I've pulled some language from a QFR drafted last December and also pulled from the CPP communications/talking points sheets. Could you take a look and let me know if you have any comments/concerns (attached, my edits are in redline). Worth noting that we've received this comment via public comments on the CPP also. Kristina said they need these responses ASAP but did not specify a deadline; I'll ask how much time we have.

Thanks,
Kate

On Tue, Mar 31, 2015 at 9:08 PM, Shouse, Kate <Shouse.Kate@epa.gov> wrote:

Sent from my iPhone

Begin forwarded message:

From: "Friedman, Kristina" <Friedman.Kristina@epa.gov>
Date: March 31, 2015 at 7:47:58 PM EDT
To: "Shouse, Kate" <Shouse.Kate@epa.gov>, "Fawcett, Allen" <Fawcett.Allen@epa.gov>
Cc: "Kocchi, Suzanne" <Kocchi.Suzanne@epa.gov>
Subject: Budge QFRs

Hi,

We received QFRs from the House approps hearing and a section of them were on CPP and climate benefits. Could you review the below and let me know if you have any edits. The IO drafted a response based on previous QFRs and TPs, but asked us to include language on SCC benefits. Unfortunately, I need to send these back to OCFO as soon as we can, sorry for the last minute request.

Thanks,

Kristina

Ex 5

Kristina Friedman

Office of Atmospheric Programs

U.S. Environmental Protection Agency

Phone: (202) 343-9281

To: Fawcett, Allen[Fawcett.Allen@epa.gov]; Sarofim, Marcus[Sarofim.Marcus@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
From: Shouse, Kate
Sent: Wed 4/1/2015 1:37:43 PM
Subject: Re: Budge QFRs

Thanks, everyone, for the quick review. I'll send this to Kristina.

From: Fawcett, Allen
Sent: Wednesday, April 1, 2015 9:35 AM
To: Sarofim, Marcus; Marten, Alex; Shouse, Kate
Subject: RE: Budge QFRs

Thanks Kate, your response looks good to me.

From: Sarofim, Marcus
Sent: Wednesday, April 01, 2015 9:14 AM
To: Marten, Alex; Shouse, Kate
Cc: Fawcett, Allen
Subject: RE: Budge QFRs

I agree with Alex, you've written a good response,

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Marten, Alex
Sent: Tuesday, March 31, 2015 10:49 PM
To: Shouse, Kate; Sarofim, Marcus
Cc: Fawcett, Allen
Subject: Re: Budge QFRs

I think your text is a good response. There seems to be a lack of understanding here and I think your response does response job of addressing the misunderstanding.

--

Alex Marten
marten.alex@epa.gov

From: Shouse, Kate
Sent: Tuesday, March 31, 2015 10:02:40 PM
To: Sarofim, Marcus; Marten, Alex
Cc: Fawcett, Allen
Subject: Fwd: Budge QFRs

Hi, Marcus and Alex. Just got a request tonight to respond to a QFR about climate benefits in the CPP (specifically, how can we monetize the CO2 benefits if we're unable to quantify the CO2 impacts). I've pulled some language from a QFR drafted last December and also pulled from the CPP communications/talking points sheets. Could you take a look and let me know if you have any comments/concerns (attached, my edits are in redline). Worth noting that we've received this comment via public comments on the CPP also.

Kristina said they need these responses ASAP but did not specify a deadline; I'll ask how much time we have.

Thanks,
Kate

On Tue, Mar 31, 2015 at 9:08 PM, Shouse, Kate <Shouse.Kate@epa.gov> wrote:

Sent from my iPhone

Begin forwarded message:

From: "Friedman, Kristina" <Friedman.Kristina@epa.gov>
Date: March 31, 2015 at 7:47:58 PM EDT
To: "Shouse, Kate" <Shouse.Kate@epa.gov>, "Fawcett, Allen" <Fawcett.Allen@epa.gov>
Cc: "Kocchi, Suzanne" <Kocchi.Suzanne@epa.gov>
Subject: Budge QFRs

Hi,

We received QFRs from the House approps hearing and a section of them were on CPP and climate benefits. Could you review the below and let me know if you have any edits. The IO drafted a response based on previous QFRs and TPs, but asked us to include language on SCC benefits. Unfortunately, I need to send these back to OCFO as soon as we can, sorry for the last minute request.

Thanks,

Kristina

Ex 5

Ex 5

Kristina Friedman

Office of Atmospheric Programs

U.S. Environmental Protection Agency

Phone: (202) 343-9281

To: Marten, Alex[Marten.Alex@epa.gov]
From: Shouse, Kate
Sent: Tue 3/31/2015 2:46:55 PM
Subject: RE: updating SCC briefing sheet for Janet

Thanks, Alex, for fitting this in and agreed on getting an updated talking point to Janet. I'll flag that for my OAR contact so that she's prepared.

From: Marten, Alex
Sent: Tuesday, March 31, 2015 10:26 AM
To: Shouse, Kate
Subject: RE: updating SCC briefing sheet for Janet

This looks good to me. I'm not sure if the RTC will go out before the 14th but if it does we may need to get Janet an updated talking point on that as we wouldn't want it to seem as if she is unaware of its contents.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Monday, March 30, 2015 11:15 AM
To: Marten, Alex
Subject: updating SCC briefing sheet for Janet

Hi, Alex. I've been asked to update the SCC talking points to prepare Janet to testify on a CPP bill (House Energy and Commerce, April 14th). Could you please take a look and let me know if you have any comments by tomorrow morning (3/31)? We last updated the sheet on 2/5/15 and I don't think it needs anything new. The only change I made in the attached was to bump up a talking point about the OMB RTC; I flagged it with a comment bubble noting that the RTC is not yet final but could be released prior to the 4/14 hearing.

Apologies for late notice, this message got buried in my inbox.

Kate

From: Friedman, Kristina

Sent: Thursday, March 26, 2015 4:49 PM

To: Risley, David; Meroney, William; Irving, Bill; Fawcett, Allen; Shouse, Kate; Ohrel, Sara; Birnbaum, Rona; Sarofim, Marcus; DeAngelo, Ben

Cc: Harvey, Reid; Gunning, Paul; Kocchi, Suzanne

Subject: Upcoming HEC Hearing - 4/14/15

Janet is expected to be invited to testify at an upcoming HEC legislative hearing on Tuesday, April 14th at 10am. The hearing is related to the attached bill on the CPP. In an effort to limit everyone's work, the hearing prep sessions will focus on CPP and related issues. However, we do want to make sure some of the other hot topics that come up during hearings are covered in her hearing binder. So could folks help review/update as needed the attached factsheets on Reliability (will call/email to discuss needed updates), Transport, International Climate/China(revised with new tough Q&As given past interest), SCC, Biomass (add SAB), Climate Science (add CCHA) by noon Tuesday??

I've also attached a key messages document on the bill itself. Please feel free to review and suggest edits, if interested. I'll be taking a look through it myself. Give me a call if you have any questions.

Thanks,

Kristina

Kristina Friedman

Office of Atmospheric Programs

U.S. Environmental Protection Agency

Phone: (202) 343-9281

To: Marten, Alex[Marten.Alex@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov]
Cc: Fawcett, Allen[Fawcett.Allen@epa.gov]
From: Sarofim, Marcus
Sent: Tue 3/31/2015 1:42:17 PM
Subject: RE: SCC RtC revised draft

Ex 5

-Marcus

Ex 5

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Marten, Alex
Sent: Tuesday, March 31, 2015 9:30 AM
To: Shouse, Kate
Cc: Sarofim, Marcus; Fawcett, Allen
Subject: RE: SCC RtC revised draft

Marcus,

Ex 5

Ex 5

Could you please take a look, and if needed, suggest any further edits?

Thanks.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Monday, March 30, 2015 4:12 PM
To: Marten, Alex
Cc: Sarofim, Marcus; Fawcett, Allen
Subject: FW: SCC RtC revised draft

Hi, Alex. Please see attached for comments from Marcus and from me. All of the OAP comment bubbles are marked in my name (I've noted those that came from Marcus), i.e., none of the OAP comment bubbles are marked anonymous. Several of the edits I made are still in the anonymous redline but I either flagged them with yellow highlighting or noted them with a comment bubble when the highlighter doesn't work.

Ex 5

Please let us know if we can help with anything else on these comments. Thanks,
Kate

From: Sarofim, Marcus

Sent: Monday, March 30, 2015 2:16 PM
To: Shouse, Kate; Marten, Alex
Subject: RE: SCC RtC revised draft

Hi Kate,

Ex 5

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Shouse, Kate
Sent: Monday, March 30, 2015 8:27 AM
To: Marten, Alex; Sarofim, Marcus
Subject: Fwd: SCC RtC revised draft

Hi Alex, I went through the RTC comments but need to fill in a couple of things this am (including the cites to rules that used GWP weighted estimates). I checking with Allen to see if he'll weigh in.

Ex 5

Sent from my iPhone

Begin forwarded message:

From: Kate Cardamone Shouse Personal cell/email

Date: March 29, 2015 at 5:14:41 PM EDT

To: "Shouse, Kate" <Shouse.Kate@epa.gov>

Subject: Re: SCC RtC revised draft

On Sat, Mar 28, 2015 at 1:39 PM, Shouse, Kate <Shouse.Kate@epa.gov> wrote:

Sent from my iPhone

Begin forwarded message:

From: "Barron, Alex" <Barron.Alex@epa.gov>

Date: March 28, 2015 at 10:40:46 AM EDT

To: "Shouse, Kate" <Shouse.Kate@epa.gov>

Cc: "Fawcett, Allen" <Fawcett.Allen@epa.gov>, "Marten, Alex" <Marten.Alex@epa.gov>, "McGartland, Al" <McGartland.Al@epa.gov>, "Beauvais, Joel" <Beauvais.Joel@epa.gov>

Subject: Fwd: SCC RtC revised draft

Sent from my iPhone

Begin forwarded message:

From: "Laity, Jim" EOP email/phone

Date: March 27, 2015 at 8:01:15 PM EDT

To: "Linn, Joshua" EOP email/phone "Marten, Alex"

<Marten.Alex@epa.gov>, "Barron, Alex" (Barron.Alex@epa.gov)"

<Barron.Alex@epa.gov>, "Duke, Rick" EOP email/phone

Subject: SCC RtC revised draft

Josh, In the interest of time I am sending this to you, Rick, and EPA simultaneously.

Ex 5

Ex 5

I will be out Monday, but can address any questions when I return. Jim

To: Elisabeth Gilmore[elisabeth.gilmore@gmail.com]
From: elisabeth.gilmore@gmail.com
Sent: Mon 3/23/2015 12:00:21 AM
Subject: Re: Society for Benefit-Cost Analysis Workshop
[Gilmore Overview.pdf](#)
[Sarofim Lecture1.pdf](#)
[Marten Lecture2.pdf](#)
[Rowell Lecture3.pdf](#)

Thank you again for participating in the workshop! Attached are the presentations.

Additionally, please follow this link to complete the online evaluation:
<https://catalyst.uw.edu/webq/survey/casey201/262068>

Warm regards,
Elisabeth

From: [Elisabeth Gilmore](#)
Sent: Sunday, March 15, 2015 10:48 PM
To: [Elisabeth Gilmore](#)

On behalf of myself, the workshop presenters, and the Society for Benefit-Cost Analysis, we look forward to seeing you at the "Overview of Climate Change, Its Impacts and the Social Cost of Carbon" workshop on Wednesday, March 18.

The workshop will be held from 1:30 – 5:00 pm at the George Washington University, Milken Institute School of Public Health, Washington, D.C. Directions are available at <http://publichealth.gwu.edu/content/directions-and-parking>

The description and workshop format are available at <http://benefitcostanalysis.org/2015-preconference-professional-development-workshops#gilmore>. We will have handouts and electronic versions of the slides available during the workshop.

As background reading, please briefly scan the following online sources:

1. United States Environmental Protection Agency (USEPA). Climate Change:
<http://www.epa.gov/climatechange/>
2. USEPA. The Social Cost of Carbon,
<http://www.epa.gov/climatechange/EPAactivities/economics/scc.html>
3. Interagency Working Group on Social Cost of Carbon, Technical Support Document: - Social Cost of Carbon for Regulatory Impact Analysis - Under Executive Order 12866 -
 1. <https://www.whitehouse.gov/sites/default/files/omb/inforeg/for-agencies/Social-Cost-of-Carbon-for-RIA.pdf>
 2. https://www.whitehouse.gov/sites/default/files/omb/inforeg/social_cost_of_carbon_for_i

Finally, regardless of whether you are registered for the conference, you are invited to the opening reception. The reception begins at 5 pm and will be held in the Milken Convening Center.

Warmly,
Elisabeth

Elisabeth Gilmore, PhD
Assistant Professor
School of Public Policy
University of Maryland
College Park, MD 20742
Tel: 301-405-6360
Cell: 412-352-9006
Email: gilmore@umd.edu

To: Marten, Alex[Marten.Alex@epa.gov]
From: Linn, Joshua
Sent: Thur 3/12/2015 1:16:28 PM
Subject: RE: NRC Board Comments

Ok, thanks very much. I'll try to get back to you soon.

From: Marten, Alex [mailto:Marten.Alex@epa.gov]
Sent: Thursday, March 12, 2015 9:16 AM
To: Linn, Joshua
Subject: RE: NRC Board Comments

It looks like people's calendars are free between 2 and 4 on Tuesday afternoon. Does that work?

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Linn, Joshua [EOP email/phone]
Sent: Thursday, March 12, 2015 9:12 AM
To: Marten, Alex
Subject: RE: NRC Board Comments

Alex, how about early next week, Monday or Tuesday mid/late afternoon?

From: Marten, Alex [mailto:Marten.Alex@epa.gov]
Sent: Wednesday, March 11, 2015 3:02 PM
To: Linn, Joshua; Laity, Jim
Subject: RE: NRC Board Comments

Thanks for sending these along.

From our end Friday afternoon looks good, with a weak preference for before 3:00pm.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Linn, Joshua EOP email/phone
Sent: Wednesday, March 11, 2015 11:14 AM
To: Laity, Jim; Mancini, Dominic J.; Duke, Rick; Barron, Alex; Fawcett, Allen; Marten, Alex; McGartland, Al; Shouse, Kate; Hodson, Elke (FELLOW)
Subject: NRC Board Comments

Ex 5

Can you let me know when you'd be available for a call either Friday afternoon or early next week?

Josh

Ex 5

Ex 5

To: Marten, Alex[Marten.Alex@epa.gov]
From: Shouse, Kate
Sent: Wed 3/11/2015 3:12:22 PM
Subject: Re: response to EPW et al letter?

Thanks. I am at home today with Ex 6 - Other
Please give me a call at Personal cell/email if anything comes up today.

From: Marten, Alex
Sent: Tuesday, March 10, 2015 4:00 PM
To: Shouse, Kate
Subject: RE: response to EPW et al letter?

No I haven't. Reached out to EOP this morning but haven't heard back.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Tuesday, March 10, 2015 3:00 PM
To: Marten, Alex
Subject: response to EPW et al letter?

Saw that Alex Barron recommended coordination with OMB in responding to the Senators' SCC letter; have you heard anything about plans to respond?

To: Marten, Alex[Marten.Alex@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]
From: Shouse, Kate
Sent: Wed 3/11/2015 6:51:15 PM
Subject: Fw: NRC Board Comments
[2015 03 04 NAS SCC draft charge questions NRC.DOCX](#)
[2015 03 04 NAS SCC draft charge questions NRC clean.docx](#)

Hi: Just wanted to confirm that one person from EPA will coordinate with Josh on schedules for the meeting. Unless I hear otherwise, I will not respond to Josh.

thanks
Kate

From: Linn, Joshua [EOP email/phone]
Sent: Wednesday, March 11, 2015 11:13 AM
To: Laity, Jim; Mancini, Dominic J.; Duke, Rick; Barron, Alex; Fawcett, Allen; Marten, Alex; McGartland, Al; Shouse, Kate; Hodson, Elke (FELLOW)
Subject: NRC Board Comments

Ex 5

Josh

Josh,

Ex 5

Ex 5

To: Marten, Alex[Marten.Alex@epa.gov]
Cc: Shouse, Kate[Shouse.Kate@epa.gov]
From: Fawcett, Allen
Sent: Wed 3/11/2015 6:57:03 PM
Subject: Re: NRC Board Comments

I'm free Friday before 3, and I'm reasonably flexible early next week.

Allen A. Fawcett, Ph.D.
Chief, Climate Economics Branch
U.S. EPA
202 343-9436

On Mar 11, 2015, at 2:52 PM, Marten, Alex <Marten.Alex@epa.gov> wrote:

You read my mind. I was just about to ask if you all had a time preference we are free Friday afternoon, but have a weak preference for before 3:00.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Wednesday, March 11, 2015 2:51 PM
To: Marten, Alex; Fawcett, Allen
Subject: Fw: NRC Board Comments

Hi: Just wanted to confirm that one person from EPA will coordinate with Josh on schedules for the meeting. Unless I hear otherwise, I will not respond to Josh.

thanks
Kate

From: Linn, Joshua EOP email/phone

Sent: Wednesday, March 11, 2015 11:13 AM

To: Laity, Jim; Mancini, Dominic J.; Duke, Rick; Barron, Alex; Fawcett, Allen; Marten, Alex; McGartland, Al; Shouse, Kate; Hodson, Elke (FELLOW)

Subject: NRC Board Comments

Ex 5

Josh

Ex 5

Ex 5

To: Fawcett, Allen[Fawcett.Allen@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
From: Shouse, Kate
Sent: Wed 3/11/2015 7:02:08 PM
Subject: Re: NRC Board Comments

Ditto for me, thanks.

From: Fawcett, Allen
Sent: Wednesday, March 11, 2015 2:57 PM
To: Marten, Alex
Cc: Shouse, Kate
Subject: Re: NRC Board Comments

I'm free Friday before 3, and I'm reasonably flexible early next week.

Allen A. Fawcett, Ph.D.
Chief, Climate Economics Branch
U.S. EPA
202 343-9436

On Mar 11, 2015, at 2:52 PM, Marten, Alex <Marten.Alex@epa.gov> wrote:

You read my mind. I was just about to ask if you all had a time preference we are free Friday afternoon, but have a weak preference for before 3:00.

--

Alex L. Marten
phone: [\(202\) 566-2301](tel:(202)566-2301)
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Wednesday, March 11, 2015 2:51 PM
To: Marten, Alex; Fawcett, Allen
Subject: Fw: NRC Board Comments

Hi: Just wanted to confirm that one person from EPA will coordinate with Josh on schedules for the meeting. Unless I hear otherwise, I will not respond to Josh.

thanks
Kate

From: Linn, Joshua [EOP email/phone]
Sent: Wednesday, March 11, 2015 11:13 AM
To: Laity, Jim; Mancini, Dominic J.; Duke, Rick; Barron, Alex; Fawcett, Allen; Marten, Alex; McGartland, Al; Shouse, Kate; Hodson, Elke (FELLOW)
Subject: NRC Board Comments

Ex 5

Josh

Ex 5

